

PhD Position

Structural Mechanisms of Ubiquitination Enzymes in Disease

A PhD position is available in the lab of Sonja Lorenz at the Rudolf Virchow Center for Experimental Biomedicine, Würzburg, Germany. The Lorenz lab explores the molecular mechanisms of ubiquitin ligases and their functions in cancer (ELife 2017;6:e21036) and infection. We are supported by the Emmy Noether Program of the German Research Foundation and the EMBO Young Investigator Program among other sources.

We are seeking a highly motivated colleague to investigate macromolecular interactions by a combination of structural and biochemical techniques. Several ambitious projects are available and can be tailored to individual interests and expertise.

The successful applicant will have the opportunity to enroll in the 'Graduate School of Life Sciences' in Würzburg – a prestigious international PhD program funded by the German Excellence Initiative - and the Research Training Group "Understanding Ubiquitylation: from molecular mechanisms to disease" (<http://www.uni-wuerzburg.de/grk2243/home/>).

The Rudolf Virchow Center is a highly competitive international research institute with outstanding infrastructure. The Lorenz lab has access to state-of-the-art instrumentation in X-ray crystallography, high-field NMR, cryo-EM, and a comprehensive range of biophysical equipment. We are integrated into a stimulating research environment that includes the Biocenter, the Institute for Molecular Infection Biology, the Helmholtz Institute for RNA-Based Infection Research, the Max Planck Research Group for Systems Immunology, and the University Hospital in Würzburg.

Applicants should have a M.Sc. or comparable degree in molecular biology, biochemistry, chemistry or a related discipline and a strong interest in structure-function studies on proteins. Experience in protein biochemistry, biophysical, or structural techniques is beneficial. Good English language skills are essential; knowledge of German is not required.

The position can start immediately or upon mutual agreement. Salary will be according to the German TVL scale. In case of equivalent qualifications, disabled applicants will be preferentially considered. Würzburg is located in the beautiful, wine-growing area of Franconia and in proximity to Frankfurt (1 hour by train) and Munich (2 hours by train).

Applications should be sent to Sonja Lorenz by email and are expected to include a letter of motivation detailing research interests and expertise, a CV, and the contact information for at least two references. Review of applications will begin immediately.

For more information:

http://virchow.uni-wuerzburg.de/lab_pages/slorenz/

<http://www.rudolf-virchow-zentrum.de/en/research/research-groups/lorenz-group/research.html>

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